CURRENT INDUSTRIAL REPORTS

Titanium Mill Products, Ingot, and Castings

NOVEMBER 1984

U.S. Department of Commerce
BUREAU OF THE CENSUS

ITA991(84)-11
Issued January 1985

The statistics in this publication are based on a survey of manufacturers and represent total U.S. shipments of titanium mill products, ingot, and castings. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related information appears in the January 1984 report for this series, ITA991(84)-1, issued April 1984.

Tsble 1. NET SHIPMENTS OF TITANIUM MILL PRODUCTS

(Thousands of pounds)

Product description	November 1984	October 1984	November 1983
Total[1]	3,866	4,484	2,547
Sheet and strip	[2]	[2]	[2]
Plate			
Forging and extrusion billet	1,876	2,459	1,204
Rod and bsr	536	574	423
Fastener stock and wire			
Extrusion	[2]1,454	[2]1,451	[2]920
Pipe and tubing			
Other			

[1]Net shipments is the sum of mill product shipments plus mill products consumed in the manufacture of fabricsted products, less total receipts.
[2]Data for sheet and strip, plate, extrusion (other thsn tubing), pipe and tubing, and other have been combined to evoid disclosing individusl company dats.

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Table 2. TITANIUM INGOT, MILL PRODUCTS, AND CASTINGS: 1984 AND 1983

(Thousnds of pounds)

Month and year	Ingot					Mill products			Cestings	
	Pro-duction	Con-sumption	Ship-ments	Receipts	Ending inventories	Pro-duction	Receipts	Net ship-ments[1] [2]	Pro-duction	Ship-ments
1984										
November	6,698	7,107	792	1,192	8,491	4,895	762	3,866	142	47
October	7,355	7,096	1,060	1,178	8,480	4,624	383	4,484	147	45
September	7,312	7,337	1,381	1,347	7,983	4,758	473	4,597	158	59
August	7,074	7,329	1,863	1,123	8,095	4,947	644	4,817	146	47
July	6,871	6,307	1,454	1,106	9,091	3,749	412	3,594	146	36
June	7,247	6,139	1,776	1,764	8,901	4,291	614	3,948	150	52
May	6,015	6,648	1,481	1,511	7,928	3,888	631	3,234	125	40
April	6,287	5,843	1,255	1,378	8,594	3,933	575	3,704	109	34
March	6,534	6,979	1,120	2,193	7,931	4,301	408	4,373	146	44
February	5,858	6,529	1,266	1,483	7,265	3,506	463	3,321	129	44
Jsnuary	5,846	5,464	1,229	1,823	7,548	3,304	301	3,282	111	27
1983										
Totsl[3]	52,878	52,465	10,884	11,345	(X)	34,647	4,143	31,866	1,005	488
December	5,754	4,942	807	859	6,546	3,119	430	2,903	103	39
November	4,745	4,770	968	994	5,523	2,864	360	2,547	77	44
October	4,799	5,068	873	890	5,472	3,020	314	2,656	75	29
September	5,045	5,372	950	950	5,527	3,546	735	3,050	85	35
August	4,361	4,814	805	961	5,920	2,845	432	2,437	71	32
July	4,148	3,608	867	1,141	5,994	2,577	314	2,287	48	29
June	5,048	5,168	945	924	5,052	3,132	355	2,642	84	41
May	3,769	3,665	1,002	968	5,221	3,021	422	2,691	81	47
April	3,657	3,446	918	746	5,141	2,567	198	2,479	94	42
March	4,310	4,354	1,151	1,181	5,017	2,887	191	2,876	100	55
February	3,698	3,560	977	839	5,020	2,418	224	2,633	104	61
Jsnusry	3,544	3,698	621	892	4,938	2,651	168	2,665	83	34

(X) Not spplicable.

[1]See table 1 for more detailed dsts.
[2]Net shipments is the sum of mill product shipments plus mill products consumed in the manufacture of fabricated products, less totsl receipts.
[3]Inventories for the yesr are those shown for December.

Address inquiries concerning these figures to the U.S. Department of Commerce, Bureau of Industrial Economics, Materials Division, Washington, D.C. 20230, or to the Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Nathaniel Shelton, (301) 763-2529.
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Table 3. NET SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF TITANIUM MILL PRODUCTS: 1984 AND 1983

(Quantity in thousands of pounds; value in thousands of dollars)

Month and year	Manufacturers' net shipments (quantity)	Exports of domestic merchandise[1] [2]			Percent exports to manufacturers' net shipments (quantity)	Imports for consumption[1] [4]		Apparent consumption[6] (quantity)	Percent imports to apparent consumption (quantity)
		Quantity	Value at port	Estimated producers' value[3]		Quantity	Value[5]		
NOVEMBER 1984									
Total	4,658	470	5,501	5,353	10	138	1,173	4,326	3
Titanium ingot and forging and extrusion billet[7]	2,668	340	2,979	2,899	13	48	287	2,376	2
Titanium mill products	1,990	130	2,522	2,454	7	90	886	1,950	5
OCTOBER 1984									
Total	5,544	556	5,705	5,551	10	97	839	5,085	2
Titanium ingot and forging and extrusion billet[7]	3,519	440	4,046	3,937	13	6	85	3,085	(Z)
Titanium mill products	2,025	116	1,659	1,614	6	91	754	2,000	5
SEPTEMBER 1984									
Total	5,978	354	3,728	3,628	6	269	1,664	5,893	5
Titanium ingot and forging and extrusion billet[7]	3,911	242	2,317	2,255	6	19	96	3,688	1
Titanium mill products	2,067	112	1,411	1,373	5	250	1,568	2,205	11
AUGUST 1984									
Total	6,640	327	3,507	3,413	5	218	2,644	6,531	3
Titanium ingot and forging and extrusion billet[7]	4,241	210	1,894	1,843	5	56	1,170	4,087	1
Titanium mill products	2,399	117	1,613	1,570	5	162	1,474	2,444	7
JULY 1984									
Total	5,048	481	5,062	4,926	10	168	1,459	4,735	4
Titanium ingot and forging and extrusion billet[7]	3,240	364	3,477	3,383	11	9	104	2,885	(Z)
Titanium mill products	1,808	117	1,585	1,543	6	159	1,355	1,850	9
JUNE 1984									
Total	5,724	693	6,481	6,307	12	113	1,010	5,144	2
Titanium ingot and forging and extrusion billet[7]	3,652	369	3,399	3,308	10	6	105	3,289	(Z)
Titanium mill products	2,072	324	3,082	2,999	16	107	905	1,855	6
MAY 1984									
Total	4,715	584	6,892	6,706	12	169	1,646	4,300	4
Titanium ingot and forging and extrusion billet[7]	3,125	467	5,155	5,016	15	12	92	2,670	(Z)
Titanium mill products	1,590	117	1,737	1,690	7	157	1,554	1,630	10
APRIL 1984									
Total	4,959	486	5,291	5,148	10	178	1,456	4,651	4
Titanium ingot and forging and extrusion billet[7]	3,231	423	4,408	4,289	13	46	177	2,854	2
Titanium mill products	1,728	63	883	859	4	132	1,279	1,797	7
MARCH 1984									
Total	5,493	488	4,829	4,699	9	304	2,061	5,309	6
Titanium ingot and forging and extrusion billet[7]	3,796	395	3,576	3,480	10	67	300	3,468	2
Titanium mill products	1,697	93	1,253	1,219	7	237	1,761	1,841	13
FEBRUARY 1984									
Total	4,587	370	4,597	4,473	8	87	523	4,304	2
Titanium ingot and forging and extrusion billet[7]	2,982	265	3,219	3,132	9	1	13	2,718	(Z)
Titanium mill products	1,605	105	1,378	1,341	7	86	510	1,586	5
JANUARY 1984									
Total	4,511	431	5,003	4,869	9	122	933	4,202	3
Titanium ingot and forging and extrusion billet[7]	3,083	333	3,697	3,598	11	29	183	2,779	1
Titanium mill products	1,428	98	1,306	1,271	7	93	750	1,423	7
1983									
Total	42,788	4,307	52,199	50,699	10	2,033	18,276	40,514	5
Titanium ingot and forging and extrusion billet[7]	26,089	2,740	29,234	28,425	11	161	1,443	23,510	1
Titanium mill products	16,699	1,567	22,965	22,274	9	1,872	16,833	17,004	11

(Z) Less than one-half of 1 percent.

[1] For a comparison of Standard Industrial Classification (SIC) codes, Schedule B export numbers, and TSUSA import numbers, see table 4 in the January report ITA991(84)-1, issued April 1984.

[2] Source: Bureau of the Census report EM 546, U.S. Exports.

[3] These values were derived by use of adjustment factors to exclude freight, insurance, and other charges incurred in moving goods to the port of export. This adjustment is made to convert the values to an approximation of the producers' value of exported goods. Current adjustment factors are based on data for 1981 which are published in Origin of Exports of Manufactured Products, M81(AS)-5, appendix B. Comparable adjustment factors for earlier years are based on similar factors developed for 1971 and 1972. The current adjustment factor for this report is 0.9731.

[4] Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.

[5] The value includes c.i.f. (cost, insurance, and freight) at the first port of entry in the United States plus U.S. import duties and other charges to the import point.

[6] Apparent consumption is derived by subtracting exports from the total of net shipments plus imports.

[7] Comparability of output, export, and import classifications for ingot and billet assume that bloom, sheet bar, and slab are reported as ingot or billet in the output numbers. Figures for imports of ingot and billet also include powder, crystal, and similiar forms which are excluded from the output and export numbers.

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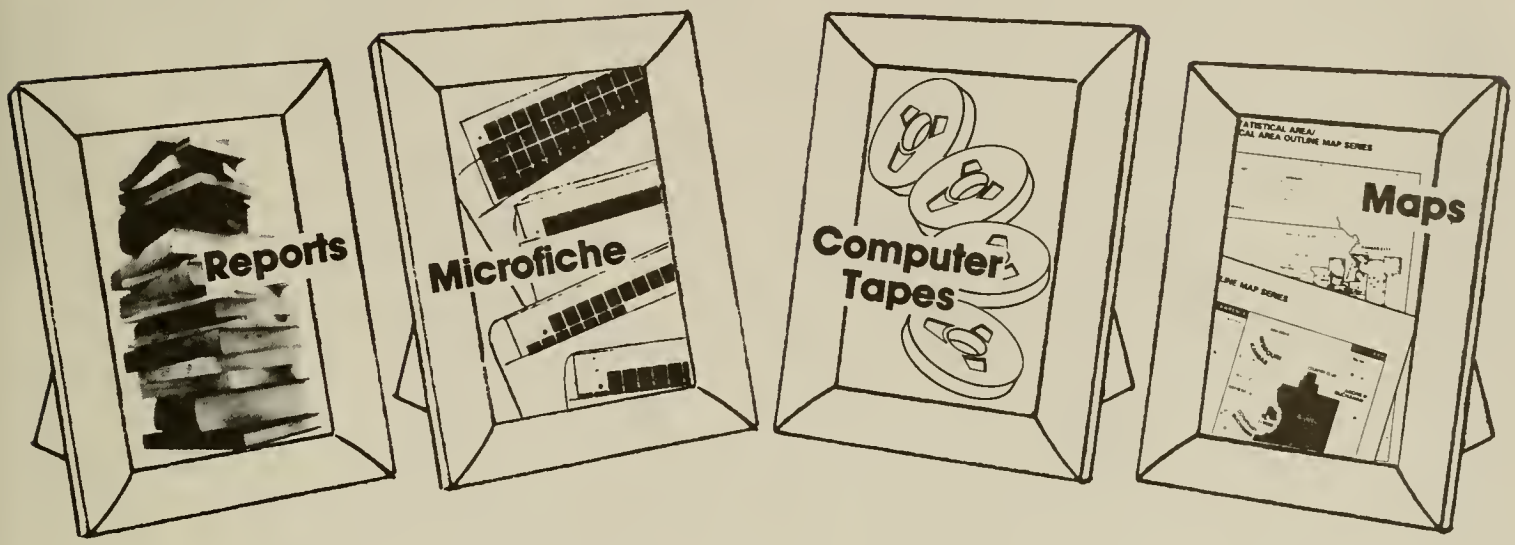

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